

Date: Mon, 16 May 94 04:30:06 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V94 #144
To: Ham-Ant

Ham-Ant Digest Mon, 16 May 94 Volume 94 : Issue 144

Today's Topics:

 ? Mobile antenna 40/80m
 Guide to the Personal Radio Newsgroups
 Loaded LPDA?
 radar detectors
 X-Beam antenna

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 May 94 11:37:36 +0200
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!xlink.net!zib-berlin.de!news.belwue.de!delos.stgt.sub.org!
life.sub.org!Uwe_Boehringer@network.ucsd.edu
Subject: ? Mobile antenna 40/80m
To: ham-ant@ucsd.edu

Hello,

I search for informations about a Hustler Mobile antenna for 40 and 80m

Can somebody tell me something about this antenna?

73 - Uwe

Date: Sun, 15 May 1994 13:45:32 GMT

From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!wupost!crcnis1.unl.edu!
news.unomaha.edu!news@network.ucsd.edu
Subject: Guide to the Personal Radio Newsgroups
To: ham-ant@ucsd.edu

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/personal-intro
Revision: 1.5 12/18/93 14:15:53
Changes: new mailing lists, .packet rmgroup, and .policy updates

(Note: The following is reprinted with the permission of the author.)

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 18 September 1993 to add the mailing lists for the new rec.radio.amateur newsgroups, to note the rmgroup of rec.radio.amateur.packet, and to officially retire some (in)famous threads of discussion on rec.radio.amateur.policy.

History

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Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: net.ham-radio.packet and PACKET-RADIO, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from net.ham-radio[.packet] to rec.ham-radio[.packet]. Readership and volume grew with the rest of the network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/rec.ham-radio. This ran afoul of SIMTEL20's no-commercial-use

restriction, and after some argument, a group was created specifically for messages like that: `rec.ham-radio.swap`. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the `rec.radio.shortwave` and `rec.radio.noncomm` newsgroups, and established the precedent of the `rec.radio.*` hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the `rec.radio.*` hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in `rec.radio.*`. Taking the successful example of the `news.answers` group, where informational postings from across the net are sent, the group `rec.radio.info` was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in `rec.radio.amateur.misc`. This led to a discussion about a second reorganization, which sparked the creation of a mailing list by Ian Kluft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the `rec.radio.amateur` hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups: `rec.radio.amateur.digital.misc` (to replace `.packet`), `.equipment`, `.homebrew`, `.antenna`, and `.space`.

The Current Groups

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I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is `rec.radio.amateur.misc`. It is what `rec.ham-radio` was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group `rec.radio.amateur.digital.misc` is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, `rec.radio.amateur.packet`, should be removed by September 21st, 1993. It is obsolete, and you should use `.digital.misc` instead (or the appropriate new mailing list, mentioned below). The group has `.misc` as part of the name to allow further specialization if the users wish it, such as `.digital.tcp-ip`.

The swap group is now `rec.radio.swap`. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially `.equipment` and `.homebrew`, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in `rec.radio.swap`; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is `rec.radio.amateur.policy`. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The other added group is `rec.radio.cb`. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in `rec.ham-radio` in the past; please do not cross-post to both `rec.radio.cb` and `rec.radio.amateur.*` unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The `rec.radio.info` group is just what its name implies: it's the place where informational messages from across `rec.radio.*` may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it

directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is `rec-radio-info@ve6mgs.ampr.ab.ca`. Inquires and other administrivia should be directed to `rec-radio-request@ve6mgs.ampr.ab.ca`. For more information about `rec.radio.info`, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups `rec.radio.amateur.antenna`, `.equipment`, `.homebrew`, and `.space` are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The `.equipment` group is not the place for buying or selling equipment; that's what `rec.radio.swap` is for. Similarly, the `.space` group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's `rec.crafts.brewing`), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for `rec.radio.swap` and `rec.radio.cb`, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to `listserv@ucsd.edu` for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the `'.'`'s with `'-'`'s - for example, `rec.radio.swap` becomes `rec-radio-swap` - and send to that name@cs.utexas.edu (`rec-radio-swap@cs.utexas.edu`, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

A Few Words on Crossposting

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Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the `rec.radio.info` newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

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Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.
"If my car ran OS/2, it'd be there by now" -- bumper sticker
GCS d++ p+ c++ l+ m+/- s/++ g++ w++ t+ r

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Date: 15 May 94 15:04:24 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!atha!
aupair.cs.athabascau.ca!rwa@network.ucsd.edu
Subject: Loaded LPDA?
To: ham-ant@ucsd.edu

jpll@vectorbd.com (Jim Lill) writes:
>Todd Little (little@iamu.chi.dec.com) wrote:

>: Would it be possible to somehow load the last 2-3 elements that would be
>: active on 18 and 20 meters to short them to 15 meter dimensions? Has
>: anyone built such an antenna?

>I believe that the phase realtionships (that of the waves) between the loaded
>and unloaded elements would not be right and would not work

I've seen an LPDA built by Telex/Hygain that used this technique. The last 3 or 4 sets of elements were trapped. I have no idea of how well it worked, but seeing that it was an extremely large, expensive piece of commercial gear (about 24 els, tuning about 5 to 30 Mhz) on top of a 100 foot high tower, I suspect that must have worked acceptably well.

regards,
Ross ve6pdq

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Ross Alexander VE6PDQ rwa@cs.athabascau.ca,
(403) 675 6311 rwa@auwow.cs.athabascau.ca

Date: 11 May 94 18:55:34 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!news.unb.ca!
UNBVM1.CSD.UNB.CA@ucbvax.berkeley.edu
Subject: radar detectors
To: ham-ant@ucsd.edu

I have many questions about the operation of radar detector. Firstly, in order to detect a specific frequency, how is this accomplished? Does the detector produce a matching frequency to compare with the incoming radar signal? Can police "electronically" determine if you possess a radar detector? If so, is there a method to mask the radiation emitted from the detector, but still ensure its sensitivity? For example, wrap the detector in aluminum foil leaving only the front (the horn style antenna) exposed. Is there a method of making it undetectable and perhaps stealthy?

Date: Mon, 16 May 1994 00:27:54 GMT
From: wri!pea@uunet.uu.net
Subject: X-Beam antenna
To: ham-ant@ucsd.edu

Is anyone using an X-beam antenna?? Which bands do you have it (them) on?? How do you like it?? Is there another antenna you would compare it to? Is it a decent dx antenna??

Would you recommend it?? Any other info about it you'd like to mention???

Thanks!

73 de Bruce, N9WKE

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End of Ham-Ant Digest V94 #144
